



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of

Preliminary Group Art Unit: 2874

**Mark Unrath, Kelly Bruland,
Ho Wai Lo, and Steve Swaringen**

Application No.: 10/077,691

Filed: February 15, 2002

For: **ON-THE-FLY BEAM PATH
ERROR CORRECTION FOR
MEMORY LINK PROCESSING**

Date: May 2, 2002

FORMAL DRAWING TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are six (6) sheets of formal drawings.

Respectfully submitted,

**Mark Unrath, Kelly Bruland
Ho Wai Lo, and Steve Swaringen**

By *Richard B. Preiss*
Richard B. Preiss
Registration No. 36,640

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 50001/84:2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Mark Unrath, Kelly Bruland,
Ho Wai Lo, and Steve Swaringen

Group Art Unit: 2874

Application No. 10/077,691

Filed: February 15, 2002

For: **ION-THE-FLY BEAM PATH ERROR
CORRECTION FOR MEMORY
LINK PROCESSING**

Date: May 2, 2002

I HEREBY CERTIFY THAT THIS CORRESPONDENCE
IS BEING DEPOSITED WITH THE UNITED STATES
POSTAL SERVICE AS FIRST CLASS MAIL IN AN
ENVELOPE ADDRESSED TO:
COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

ON: May 2, 2002
Date
Pandra Lekar
Signature
Pandra Lekar
Typed Name

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- ☒ Form PTO-1533 - Notice to File Missing Parts of Application, Filing Date Granted
- ☒ Fee Transmittal
- ☒ Combined Declaration and Power of Attorney for Patent Application
- ☒ Surcharge for Late Filing of Oath or Declaration
 - ☐ \$ 65.00 - Small Entity
 - ☒ \$130.00 - All Others
- ☒ A check for \$996.00 in payment of the above fee(s).
- ☒ Formal Drawing Transmittal Letter
- ☒ Information Disclosure Statement
- ☒ PTO-1449 (with references)
- ☒ Return receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.

Respectfully submitted,

**Mark Unrath, Kelly Bruland, Ho Wai Lo,
and Steve Swaringen**

By Richard B. Preiss

Richard B Preiss

Registration No. 36,640

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No.: 50001/84:2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/077,691
Filing Date	02/15/2002
First Named Inventor	Mark Unrath
Examiner Name	
Group Art Unit	2874
Attorney Docket No.	50001/84:2

TOTAL AMOUNT OF PAYMENT (\$) 996.00

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-4455

Deposit Account Name Steel Rives LLP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
27	-20** = 7	18.00	126.00
Independent Claims	3 - 3** = 0	84.00	0.00
Multiple Dependent			0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 126.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			(\$) 130.00

SUBMITTED BY

Name (Print/Type)	Richard B. Preiss	Registration No. (Attorney/Agent)	36,640	Telephone	503.224.3380
Signature	Richard B. Preiss	Date	5/2/02		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

#5



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

MAY 06 2002

J5C48

APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/077,691	02/15/2002	Mark Unrath	50001/84:2

CONFIRMATION NO. 1445

FORMALITIES LETTER



OC000000007766127

3528
STOEL RIVES LLP
900 SW FIFTH AVENUE
SUITE 2600
PORTLAND, OR 97204

Date Mailed: 04/02/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$126.
 ■ \$126 for 7 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 996.**

05/07/2002 NH0HAMH1 00000101 10077691

01 FC:101	740.00 OP
02 FC:103	126.00 OP
03 FC:105	130.00 OP

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE